Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 24 Nov 2022 until 23:59 on Friday 25 Nov 2022

Forecast Issued on Thursday 24 Nov 2022 at 02:30

Confidence: High for unsettled and occasionally wet and windy conditions through the forecast period. Main uncertainty will be the timing of fronts moving across the United Kingdom during the weekend.

Headline for Thursday 24 Nov 2022: Mainly dry morning then spell of heavy rain in afternoon. Very windy, gales on the tops.

Mountain weather hazards on Thursday 24 Nov 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Heavy Rain	Cloudy	Partly cloudy (night)
Precipitation probability					
10%	10%	30%	90%	40%	40%

Forecast for Thursday 24 Nov 2022

Weather: Showers overnight dying out by dawn. A dry morning with sunny spells but cloud increasing and gales developing on the tops. A spell of heavy and persistent rain in the afternoon, lasting about 2 or 3 hours. Drenching conditions for a time with gales at height. This will be followed by clear spells and showers, some of these heavy with a risk of lightning and hail.

Chance of cloud-free hill tops above 600m: 80% in morning, becoming 40% in afternoon.

Low cloud and visibility: Patchy cloud and fog above 500 or 600m, becoming persistent for a few hours in the afternoon. Below the cloud, mainly good becoming poor in heavy rain or showers in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 24 Nov 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/39 SW	28/40 S	32/44 S	25/37 SW	23/33 SW	25/36 SW	27/39 SW
300	20/31 SW	20/29 S	23/33 S	19/31 S	17/27 SW	18/28 S	21/33 S
Valley	10/29 SW	10/26 S	16/34 S	13/30 S	12/26 SW	11/27 S	16/34 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	5/-1	6/-1	5/-1	4/-1	3/-3	3/-3
300	6/1	6/1	8/4	7/3	7/3	6/1	6/1
Valley	5/2	6/3	9/5	8/4	7/4	6/2	6/2
Freezing Level*	1100m	1300m	1400m	1400m	1200m	1100m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions for a few hours in the afternoon on higher slopes with strong winds and heavy rain. Gusts of 50 to 55mph on the high moors and summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 24 Nov 2022	10mm	11mm	32.2mm

Forecast for Friday 25 Nov 2022

Weather: Clear or bright spells and scattered showers overnight and during the morning. Showers will die out through the afternoon. Feeling cold on the tops.

Maximum wind: West or Southwest 20 to 25mph gusts 35mph, decreasing to 15mph in afternoon.

Chance of cloud-free hill tops above 600m: 40% becoming 80% in morning.

Low cloud and visibility: Occasionally poor in morning showers with areas of cloud and fog above 600m. Good from late morning with any cloud lifting from the summits.

Temperature: **Valleys:** Plus 6 Celsius rising to 10 Celsius.
At 600m: Plus 3 Celsius rising to 5 or 6 Celsius.
Freezing level: Above summits.

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